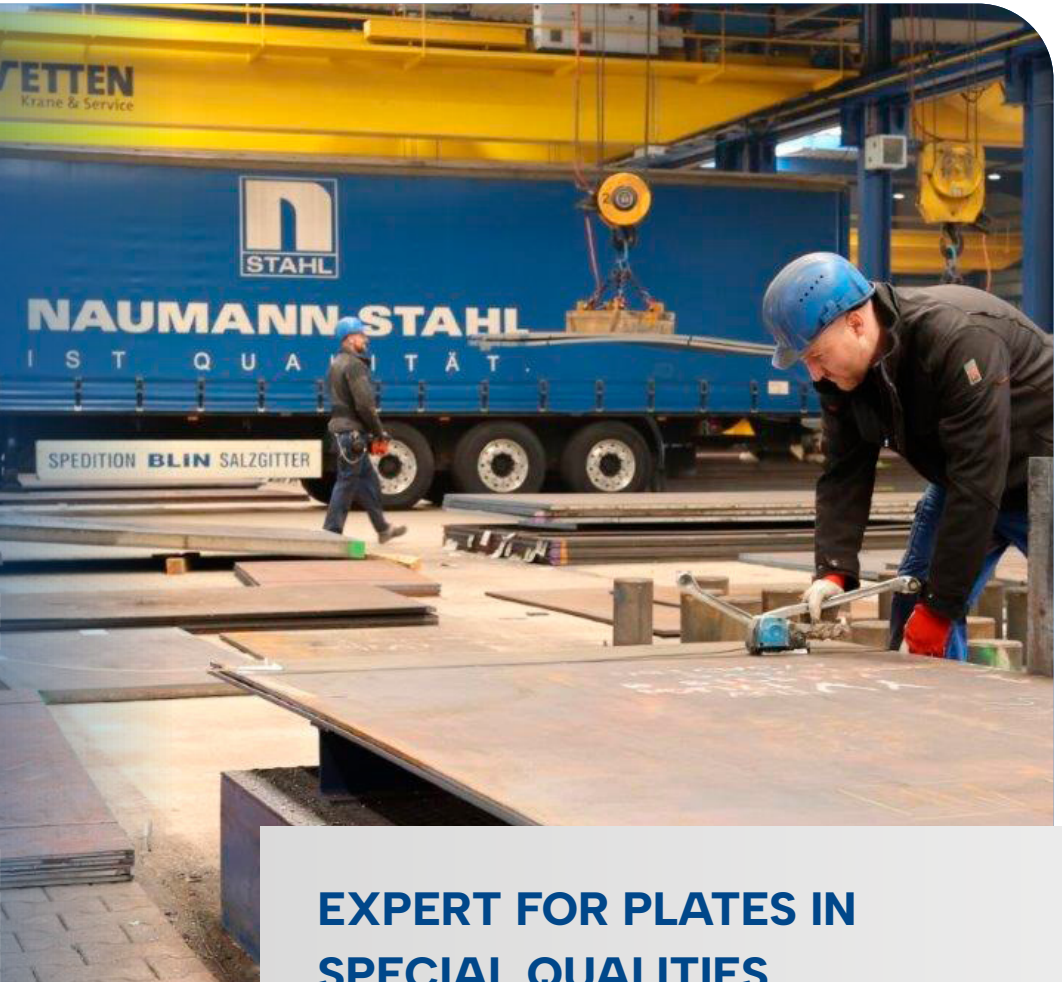


NAUMANN STAHL IS QUALITY.



## EXPERT FOR PLATES IN SPECIAL QUALITIES

RELIABLE, QUALITY-CONSCIOUS AND  
CUSTOMER-ORIENTED SINCE 1960



**NAUMANN STAHL**  
I S Q U A L I T Y .



# NAUMANN STAHL – QUALITY TO MEET THE HIGHEST REQUIREMENTS

## OUR COMPANY

Since the company was founded in 1960, NAUMANN STAHL – a family-run, independent steel trading business – has become an expert in the supply of steel plate in special qualities.

With our extensive stock range, we guarantee a high level of customer focus, flexibility in terms of time, professional consultation and technically accomplished processing.

For us, steel is the basis of today's modern lifestyle. We guarantee maximum quality for our customers and offer a wide range of services.

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Our market expertise is backed up by flexibility in terms of time and a high level of customer focus – which makes us a reliable partner.

– Michael Halm  
Managing Director

## **OUR STOCK RANGE**

In our covered warehouse area spanning 12,000 square metres, we store over 20,000 tonnes of steel plates in approximately 30 different special qualities:

- Highly abrasion-resistant manganese steel
- Heat-resistant steel
- Fine grain steel
- Heat-treatable steel
- Case hardening steel
- Abrasion-resistant and high-strength steel

Our suppliers primarily include German steel mills and renowned manufacturers from Western Europe.

### **Benefits for the customers**

- Comprehensive stock
- Delivery at short notice
- Reliability and adherence to delivery dates

## UNALLOYED

### Structural steel acc. to DIN EN 10025 (DIN 17100) / DIN 1623

S 325 G	1,0 – 2,5 mm
S 355 J2C+N / 1.0579	3,0 – 15 mm
S 355 J2+N / 1.0577	3,0 – 200 mm
E 335 (St60-2) / 1.0060	8,0 – 150 mm
E 360 (St70-2) / 1.0070	8,0 – 120 mm

### Unalloyed case hardening steel acc. to DIN EN 10084 / ISO 683-3

C 15 / 1.0401 + C 15 E / 1.1141	1,5 – 10 mm
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### Unalloyed heat-treatable steel acc. to DIN EN 10083-1 und 2 / ISO 683-1

C 45 / 1.0503 + C 45 E / 1.1191	1,0 – 250 mm
C 60 / 1.0601 + C 60 E / 1.1221	1,0 – 120 mm

### Unalloyed heat-treatable steel acc. to DIN EN 10132

C75S / 1.1248	1,0 – 6,0 mm
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### Unalloyed heat-resistant steel acc. to DIN EN 10028-2

P 265 GH / 1.0425	3,0 – 120 mm
P 295 GH / 1.0481	6,0 – 120 mm
P 355 GH / 1.0473	3,0 – 120 mm

### Unalloyed heat-resistant steel acc. to US standard ASME / ASTM

SA 516 Grade 60	3.0 – 110 mm
SA 516 Grade 70	3.0 – 110 mm

### Fine grain pressure vessel steel acc. to DIN EN 10028-3, AD 2000 W1 / W10

P 275 NL1 / 1.0488 + P 275 NH / 1.0487	6,0 – 120 mm
P 355 NL2 / 1.0566 + P 355 NH / 1.0565	3,0 – 200 mm
P 460 NL2 / 1.8915 + P 460 NH / 1.8935	6,0 – 200 mm

### Fine grain structural steel acc. to DIN EN 10025-3, normalised

S 355 NL / 1.0546	3,0 – 200 mm
S 460 NL / 1.8903	6,0 – 200 mm

### High-strength steel acc. to DIN EN 10025-6

S 690 QL / 1.8928 + S 690 QL1 / 1.8988	4.0 – 200 mm
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### Abrasion-resistant steel with 360 – 440 HB, quenched and tempered

1.8714	4,0 – 80 mm
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## ALLOYED

### Highly abrasion-resistant manganese steel

X 120 Mn 12 / 1.3401 1.5 – 50 mm

### Alloyed heat resistant steel acc. to DIN EN 10028-2, AD 2000 W1

16 Mo 3 / 1.5415 1.0 – 120 mm

13 Cr Mo 4-5 / 1.7335 2.0 – 150 mm

10 Cr Mo 9-10 / 1.7380 4.0 – 120 mm

### Alloyed heat-resistant steel acc. to US standard ASME / ASTM

SA 387 Grade 11 Cl. 2 6,0 – 80 mm

SA 387 Grade 12 Cl. 2 2,0 – 110 mm

SA 387 Grade 22 Cl. 2 4,0 – 100 mm

### Alloyed heat-treatable steel acc. to DIN EN 10083-1, 2 and 3 / ISO 683-2

25 Cr Mo 4 / 1.7218 2.0 – 120 mm

42 Cr Mo 4 / 1.7225 2.0 – 200 mm

42CrMo4 +QT, factory-made NEW 20 – 200 mm

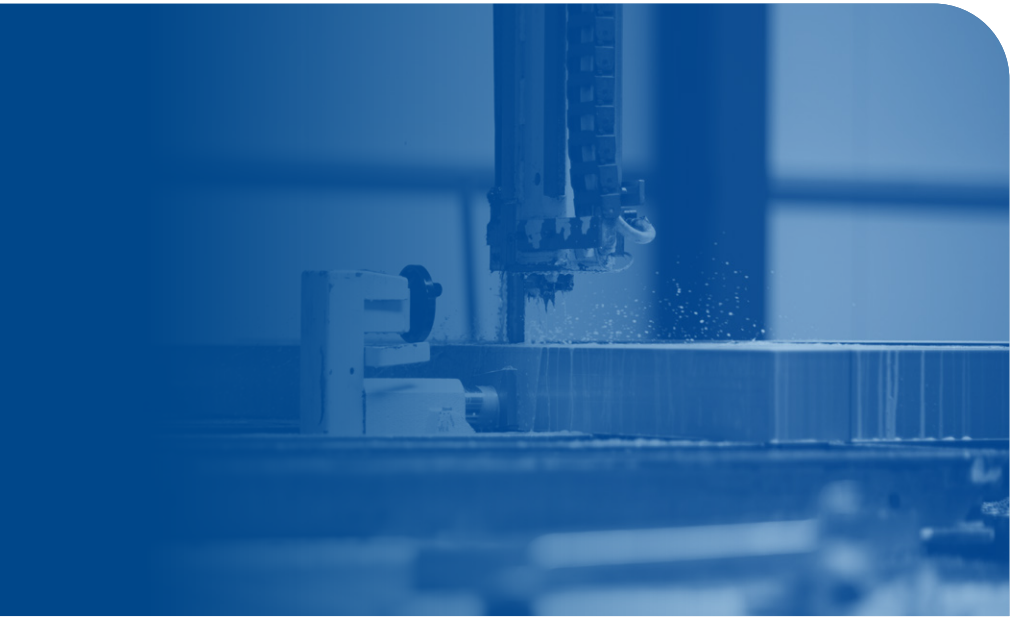
### Alloyed case hardening steel acc. to DIN EN 10084 / ISO 683-3

16 Mn Cr 5 / 1.7131 2.0 – 200 mm

20 Mn Cr 5 / 1.7147 2.0 – 200 mm

## GUARANTEED EXPERTISE

- Values: Family-run company in its third generation
- Expertise: competent staff who have been with the company for many years
- Quality awareness: quality assurance in accordance with DIN EN ISO 9001:2015 by DNV
- Ecological awareness: environmental management in accordance with DIN EN ISO 14001:2015 by DNV



## PROFESSIONAL PROCESSING

With our modern block bandsaws, we produce and cut flat steel and wide flat steel up to 6000 mm in length – to extremely close tolerances and without edge hardening.

Cost benefit: No further heat treatment is required.

**Commonly processed grades of steel include:**

42CrMo4, 16MnCr5, C45, C60, S355J2+N,  
as well as grade 42CrMo4 + QT steel which is quenched and tempered at the factory.

## DO YOU NEED PRE-CUT PARTS IN FIXED DIMENSIONS?

With our automated bandsaw (KASTOwin A 8.6), we produce steel in the fixed dimensions you need – both in small batches and series production. Additional services such as stress relief heat treatment, quenching and tempering, and straightening are implemented quickly in cooperation with our capable and reliable partners.

You can also commission us to perform contract sawing jobs at any time!

### Machinery in operation

- KASTO BBS 560/1060 x 6000 mm
- KASTO U 6x16 x 4000 mm
- KASTO U 6x16 x 6000 mm
- KASTOwin A 8.6

## ADDITIONAL SERVICE

You can also count on our comprehensive expertise and global network for these services:



**All kinds of material tests carried out by experienced service providers / partners**



**Shot blasting + priming**



**Pickling + oiling**



**Global logistics solutions implemented by competent partners**

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